

As a below named inventor, I declare that:

My residence, Post Office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled **METHOD AND APPARATUS FOR TENSILE TESTING AND RETHRADING OPTICAL FIBER DURING FIBER DRAW**.

The specification of which (check only one item below):

- ☐ is attached hereto
- ☒ was filed as United States Application Serial No. 09/733,352 on December 8, 2000 and was amended on (if applicable)
- ☐ was filed as PCT international application number , on , and was amended under PCT Article 19 on (if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, § 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, § 119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate or 365(a) of any PCT international application which designated at least one country other than the United States, listed below and have also identified below any foreign application for patent or inventor's certificate, on the same subject matter, having a filing date before that of the application on which priority is claimed:

<input type="checkbox"/>	Country:	Application No.:	Filing Date:
<input checked="" type="checkbox"/>	NONE		

I hereby claim the benefit under Title 35 United States Code § 119(e) and § 120 of any United States application(s) or 365(c) of any PCT international application designating the United States listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35 United States Code § 112, I acknowledge the duty to disclose material information as defined in Title 37 Code of Federal Regulations, § 1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

<input checked="" type="checkbox"/>	Provisional No.: 60/173,401	Filed: 12-28-1999	Status: Pending
<input type="checkbox"/>	Application No.:	Filed:	Status:
	PCT Application No:	Filed:	Status:
<input type="checkbox"/>	NONE		

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full Name of Inventor: Kirk P. Bumgarner

Resident Address: 1409 Middle Sound Loop Road, Wilmington, North Carolina 28411

Post Office Address: same

Citizenship: UNITED STATES

DATE: 3/19/01


Kirk P. Bumgarner

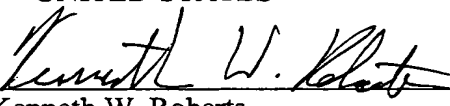
Full Name of Inventor: Kenneth W. Roberts

Resident Address: 214 South 58th Street, Wilmington, North Carolina 28409

Post Office Address: same

Citizenship: UNITED STATES

DATE: 3/19/2001


Kenneth W. Roberts

Full Name of Inventor: David A. Tucker

Resident Address: 213 North 23rd Street, Wilmington, North Carolina 28405

Post Office Address: same

Citizenship: UNITED STATES

DATE: 3/19/01


David A. Tucker



SP00-038

**UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office**

ASSISTANT SECRETARY AND COMMISSIONER
OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

SEPTEMBER 19, 2001

CORNING INCORPORATED
ROBERT L. CARLSON
PATENT DEPT., SP-TI-03-1
CORNING, NY 14831

Received

SEP 25 2001

Patent Dept.



101779836A

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 07/05/2001

REEL/FRAME: 011968/0882
NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:
BUMGARNER, KIRK P. ✓

DOC DATE: 03/19/2001 ✓

ASSIGNOR:
ROBERTS, KENNETH W. ✓

DOC DATE: 03/19/2001 ✓

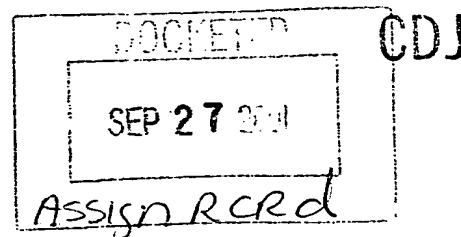
ASSIGNOR:
TUCKER, DAVID A. ✓

DOC DATE: 03/19/2001 ✓

ASSIGNEE:
CORNING INCORPORATED
PATENT DEPT., SP-TI-03-1
CORNING, NEW YORK 14831

SERIAL NUMBER: 09733352 ✓
PATENT NUMBER:

FILING DATE: 12/08/2000 ✓
ISSUE DATE:



011968/0882 PAGE 2

PEARLENE FOSTER, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

07-17-2001

DOCUMENT ID NO.: 101671



Case Name: SP00-038

PA1

101779836

ET

To the Honorable Commissioner of Patents and Trademarks: Please record the attached documents or copy thereof.

(1) Conveying Party(ies): Kirk P. Bumgarner
Kenneth W. Roberts
David A. Tucker

7-501 RE

Title: METHOD AND APPARATUS FOR TENSILE TESTING AND RETHREADING
OPTICAL FIBER DURING FIBER DRAW

Additional name(s) of conveying party(ies) attached? Yes ☐ No ☒

(2) Receiving Party: Corning Incorporated
Patent Dept.; SP-TI-03-1
Corning, NY 14831

(3) Nature of conveyance: Assignment executed: 03-19-01; 03-19-01; 03-19-01

(4) Application number(s) and/or patent number(s) against which this assignment is to be recorded:

A. Patent Application No.(s): 09/733,352
Filing date: 12/08/2000

B. Patent No.(s):
Filing date:

If this document is being filed together with a new application, this assignment is also to be recorded against said application, executed on _____.

(5) Name and address of party to whom correspondence concerning document should be mailed:

Name: Robert L. Carlson
Reg. No. 35,473
Corning Incorporated
Patent Department
SP-TI-03-1
Corning, NY 14831
Phone No.: (607) 974-3502

(6) Total Number of applications and/or patents involved: one

(7) Total Fee = \$40.00

- ☐ Enclosed (Check No.)
☐ Included with filing fee. Check No. ____
☒ Authorization given by Corning Incorporated to charge deposit account number
03-3325 (attached is a triplicate copy of this page)

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Robert L. Carlson

July 3, 2001
Date

Total number of pages comprising cover sheet: one



04-12-2001



101671899

PATENT
SP00-038

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Kirk P. Bumgarner
Kenneth W. Roberts
David A. Tucker

Serial No.: 09/733,352

Filing Date: December 8, 2000

Title: METHOD AND APPARTUS FOR
TENSILE TESTING AND
RETHREADING OPTICAL FIBER
DURING FIBER DRAW

**SUBMISSION of
MISSING PARTS**

Group Art Unit: 2874
Examiner: TBA

**SUBMISSION OF MISSING PARTS & SURCHARGE
UNDER 37 C.F.R. 1.53(d) AND C.F.R. 1.16(e)**

Attn: Application Processing Division
Assistant Commissioner for Patents
Washington, DC 20231

Filed herewith are:

- ☒ Assignment
- ☒ Declaration
- ☒ Power of Attorney by Assignee w/Assignment attached
- ☐ PTO Form 1449
- ☐ OTHER:

Corning Incorporated hereby authorizes the Asst. Commissioner to charge payment of any fees associated with this application or credit any overpayment to Corning Incorporated Deposit Account 03-3325.

Respectfully submitted,

DATE: March 22, 2001

Attorney for Assignee
Robert L. Carlson
Reg. No. 35,473
Corning Incorporated
SP-TI-3-1
Corning, NY 14831
(607) 974-3502

Date of Deposit: March 22, 2001

I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being deposited with the United States Postal Service on the date indicated above with sufficient postage as first class mail in an envelope addressed to the: Commissioner of Patents and Trademarks, Washington, DC 20231

Signature

March 22, 2001
Date of Deposit



ASSIGNMENT

FOR VALUE RECEIVED, I, as a below named inventor, hereby sell, assign and transfer unto Corning Incorporated, a corporation organized and existing under the laws of the State of New York, having its principal place of business at Corning, New York, (hereinafter CORNING), as assignee, and unto its successors, assigns and legal representatives, the entire right, title and interest, for all countries, in and to certain inventions relating to a **METHOD AND APPARATUS FOR TENSILE TESTING AND RETHREADING OPTICAL FIBER DURING FIBER DRAW**, such inventions being generally described in an application for Letters Patent of the United States executed on

DATE	<u>03-19-01</u>
DATE	<u>03-19-01</u>
DATE	<u>03-19-01</u>

and in any future patent applications claiming the benefit of the filing date of that application, and all the rights and privileges under any and all Letters Patents that may be granted therefore.

I request that any and all patents for said inventions be issued to CORNING, its successors, assigns and legal representatives, or to such nominees as CORNING may designate.

I agree that, when requested, I will, without charge to CORNING and at CORNING's expense, sign all papers, take all rightful oaths, and do all acts which may be necessary, desirable or convenient for securing and maintaining patents for said inventions in any and all countries and for vesting title thereto in CORNING, its successors, assigns and legal representatives or nominees.

I authorize and empower CORNING, its successors, assigns and legal representatives or nominees, to invoke and claim for any application for patent or other form of protection for said inventions filed by it or them, the benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for said Convention or entered as a supplement to, and to invoke and claim such right of priority without further written or oral authorization.

I hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any assignment, consent to file or like document which may be required in any country for any purpose and more particularly in proof of the right of CORNING, or its successors, assigns and legal representatives or nominees to claim the aforesaid benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it or entered as a supplement to it.

I covenant with CORNING, its successors, assigns and legal representatives or nominees, that the rights and property herein conveyed are free and clear of any encumbrance, and that I have full right to convey the same as herein expressed.

(U.S. Regular Application)

Attorney Docket No.: SP00-038

Signed at Wilmington, NC, this

3/19/01
Date

3/19/2001
Date

3/19/01
Date

Kirk P. Bumgarner
Kirk P. Bumgarner

Kenneth W. Roberts
Kenneth W. Roberts

David A. Tucker
David A. Tucker

State of North Carolina)

: ss.

County of New Hanover)

On the 19 day of March 2001, before me personally came **Kirk P. Bumgarner** known to be the person described in and who executed the foregoing instrument, and acknowledged that they executed the same.

Peter Buile
Notary Public
My Commission Expires
July 1, 2003

State of North Carolina)

: ss.

County of New Hanover)

On the 19 day of March 2001, before me personally came **Kenneth W. Roberts** known to be the person described in and who executed the foregoing instrument, and acknowledged that they executed the same.

Adrienne R. Wuerde
Notary Public
my commission expires
Nov 21, 2004

State of North Carolina)

: ss.


County of New Hanover)

On the 19 day of March 2001, before me personally came **David A. Tucker** known to be the person described in and who executed the foregoing instrument, and acknowledged that they executed the same.

Adrienne R. Wuerde
Notary Public
my commission expires
Nov 21, 2004

DOCUMENT ID NO.: 101671899

Case Name: SP00-038

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to Assistant Commissioner of Patents and Trademarks, Washington, DC 20231 on July 3, 2001
Date of Deposit

Signature